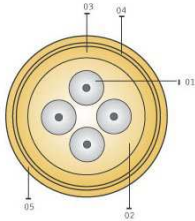




Metallic Armoured Distribution Cable (Up to 12 Fo)



Cable Description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Strength Members
- 03. Inner Jacket
- 04. Metallic Armour
- 05. Outer Jacket

Fire resistance

Flame retardant (IEC 60332-1 / IEC 60332-3)
Halogen free (IEC 60754-1/-2)
Low smoke emission (IEC 61034-2)

Applications

Universal (Indoor / Outdoor)

Rodent protection

Excellent rodent resistance

Options

Jackets: PVC / PU
Special colour code

CPR Classification (Euroclass)

Reaction to Fire: Dca, s1, d1, a1
Declaration Code: DOP02300

Advantages

Compact / Lightweight / Flexible / Tough / Resistant / Easy to strip (gel free) / Reduced diameter / Direct connectorization / Saves installation costs / Excellent rodent protection.



MOISTURE PROTECTED



HIGH FLEXIBILITY



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

SPECIFICATIONS

Fibres	2	4	6	8	12
Central Element	NO		YES		
Strength Members	Reinforced Fiberglass Yarns (WB)				
Inner Jacket	Thermoplastic				
Armour	Steel Wires Braid				
Outer Jacket	LSZH ¹				
Colour	Black				
Weight (Kg/Km)	98	104	111	138	157
Outer Ø (mm)	9.0 ± 0.3	9.3 ± 0.3	9.5 ± 0.3	10.7 ± 0.3	11.5 ± 0.3
Tensile Load Perm / Inst (N)	700 / 1250		800 / 1450		900 / 1600
Max. Crush (N/dm)	1500 (IEC 60794-1-21 E3)				
Temperature Range	-20°C to +70°C (IEC 60794-1-22 F1)				
Min. Bending Radius (mm)	20 x Outer Ø (IEC 60794-1-21 E11)				
Maximum Length (m)	4200				

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red – Green – Grey – Yellow – Blue – Turquoise – White – Brown – Violet – Orange – Pink – Black.

¹LSZH – Halogen free, low smoke emissions and flame retardant thermoplastic compound.